

Due by March 31, 2014

**Notice:** Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

This form is for reporting on activities undertaken in calendar year 2013.

**Instructions:** Complete each section of the form that follows. If additional space is needed to respond to a question, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2014, to the appropriate address indicated on the last page of this form.

**SECTION I. Municipal Information**

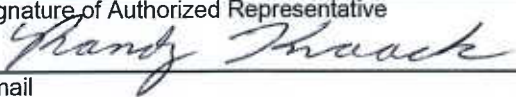
Name of Municipality		Facility ID No. (FIN)	
City of Menomonie		31426	
Mailing Address	City	State	ZIP Code
800 Wilson Avenue	Menomonie	WI	54751
County(s) in which Municipality is located	Municipality Type: (select one)		
Dunn	<input type="radio"/> County <input checked="" type="radio"/> City <input type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

**SECTION II. Municipal Contact Information**

Name of Municipal Contact Person		Title	
Randy D. Eide		Director of Public Works	
Mailing Address	City	State	ZIP Code
800 Wilson Avenue	Menomonie	WI	54751
Email	Phone Number (include area code)	Fax Number (include area code)	
reide@menomonie-wi.gov	(715) 232-2207	(715) 235-0888	

**SECTION III. Certification**

*I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-1 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.*

Authorized Representative Printed Name	Authorized Representative Title		
Randy Knaack	Mayor		
Signature of Authorized Representative	Date		
	3-18-14		
Email	Phone Number (include area code)	Fax Number (include area code)	
mayor@menomonie-wi.gov	(715) 232-2187	(715) 235-0888	

**SECTION IV. General Information**

a. Describe what efforts the municipality has undertaken to invite the municipal governing body, interest groups, and the general public to review and comment on the annual report.

- Draft Annual Report available for review at Dunn County Land Conservation Open House on February 6, 2014
- Annual Report available for review and public comment at Red Cedar River Conference on March 13, 2014
- Annual Report posted on City Web Site for comment and information
- 2013 Annual Report on formal March 17, 2014 City Council Agenda for public comment and Council action

b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.

Elected officials and City staff have been kept apprised of the MS4 permit and associated requirements through budget hearings, staff reviews and workshops with the DNR (Lake meeting on July 8, 2013).

**SECTION IV. General Information** (continued)

- c. Has the municipality prepared its own municipal-wide storm water management plan? ☒ Yes ☐ No

If yes, title and date of storm water management plan:

City of Menomonie Storm Water Management Plan, 2004. Copy on file at Eau Claire DNR office and at City Hall for public review.

- d. Has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions of the general permit as provided under Section 2.10 of the general permit? ☒ Yes ☐ No

If yes, describe these cooperative efforts:

City of Menomonie is an active partner in the Chippewa Valley Storm Water Forum. This group is funded through membership fees from several other MS4 permit holders in the Chippewa Valley and (as a team) develops and implements elements associated with public education and outreach associated with each of our MS4 permits. Menomonie supports this effort through funding and dedicated staff time.

- e. Does the municipality have an internet website? ☒ Yes ☐ No

If yes, provide web address:

www.menomonie-wi.gov

If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program?

☒ Yes ☐ No

If yes, provide web address:

www.menomonie-wi.gov (click on DEPARTMENTS and then click on STORM WATER)

**SECTION V. Permit Conditions**

- a. Minimum Control Measures: For each of the permit conditions listed below, provide a description of the status of implementation of program elements, the status of meeting measurable goals, and compliance with permit schedule in section 3 of the MS4 general permit. Provide an evaluation of program compliance with the general permit, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals. Be specific in describing the actions that have been taken during the reporting year to implement each permit condition and whether measurable goals have been met, including any data collected to document a measurable goal. Also, explain the reasons for any variations from the compliance schedule in the MS4 general permit.

• Public Education and Outreach

The Director of Public Works (DPW) continues to be a member of the Chippewa Valley Storm Water Forum and is an active Committee Member on the Red Cedar River Annual conference staff providing several opportunities for public education and outreach. A list of the public education and outreach activities associated with the Chippewa Valley Storm Water Forum is attached. A couple of key items associated with the City of Menomonie and Red Cedar River basin include:

- March 14, 2013, City of Menomonie Storm Water Booth at the Red Cedar River Conference
- April 9, 2013, DPW informed public of MS4 activities supporting the Mayor's Climate Protection Agreement
- June 11, 2013, DPW spoke to the Tainter Menomine Lake Association Board regarding legislative changes associated with storm water run-off standards and erosion control measures
- City Council lake cleaning and phosphorus removal news article in Eau Claire Leader on June 14, 2013
- A Special City Council Meeting on Lake Menomine on July 8, 2013 to discuss the condition of the lake and MS4 activities being undertaken by the City of Menomonie
- July 20, 2013, City DPW presented the "Good Neighbor Award" from the Tainter/Menomine Lake Improvement Association in recognition of his "...dedication and success in improving water quality..."
- Storm Water education fliers and information provided to the public at the Dunn County Fair
- UW Stout presentation by the Menomonie DPW on our storm water infrastructure
- Menomonie DPW presented MS4 parameters at a Elected Officials Workshop on October 29, 2013
- Aug 22, 2013 Eau Claire Leader Article on algae blooms on Lake Menomine
- Lake Talk editorial in the Sept 29, 2013 Dunn County News -- Peggy McAloon

We've exceeded our public education goal of 4 newspaper articles per year given all of the public education and outreach noted above and also included on the attached Chippewa Valley Storm Water Forum Activities spreadsheet.



**SECTION V. Permit Conditions** (continued)

• **Public Involvement and Participation**

At all of our local Education and Outreach activities public involvement and participation are solicited. We also solicit feedback and participation through our city web site "comment" opportunity. Goals met.

• **Illicit Discharge Detection and Elimination**

Illicit Discharge Ordinance is in place and follows the DNR model ordinance. While illicit discharges are being looked for all of the time, the formal illicit discharge inspection was conducted in November 2013. Goals met.

• **Construction Site Pollutant Control**

Title 9, Chapter 10 of the City Code represents our construction site pollutant control standards. The Building Inspection Department is responsible for the permitting and enforcement actions associated with this chapter. In 2013 eleven erosion control permits were issued and eight storm water management plans for new construction were issued. Two erosion control violations were formally issued in 2013. All violations were corrected by the responsible individual or organization. Goals met.

• **Post-Construction Storm Water Management**

Post construction storm water management is enforced through Title 9, Chapter 11 of the City Code. As mentioned under Site Pollutant Control, eight storm water management plans were approved in 2013. Goals met.

• **Pollution Prevention**

Pollution prevention efforts are supported in the City of Menomonie through a year round composting site open to the public and twice annual leaf and grass pick-ups by City staff. In 2013 we improved our pollution prevention efforts by only picking up grass clippings and leaves if they are in compostable bags... this small change eliminated the requirement to landfill used plastic bags, two roll-off dumpsters of plastic bags were removed from the waste stream in 2013 because of this new policy.

Three street sweepers continue to clean the streets as the weather and temperature allows. At a minimum, all streets are swept twice a year. We haven't screened the sweepings from 2013 yet, but it is estimated over 50-tons of garbage were removed from the streets and 700-tons of sand from the streets was beneficially reused. 2,766 man hours were expended sweeping and maintaining our storm water system in 2013.

We are continuing to look for new ways to reduce our salt usage on City streets. In 2013 we implemented a pre-wetting application to our salt application process in an attempt to reduce the amount of salt being placed on the streets. Unfortunately, weather conditions (ice and rain) have a greater influence in the amount of salt placed on the streets and we saw a spike in salt used in 2013. We continue to monitor our salt application rates and hope to bring an anti-icing operation to the City in 2014 or 2015. Salt application amounts are as follows: 2009 - 223yds; 2010 - 236yds; 2011 - 355-yds; 2012 - 254yds; 2013 - 452-yds

- b. **Storm Water Quality Management:** Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? ☒ Yes ☐ No

If yes, provide the following: Model used Win SLAM Version 9.3.3 Reduction (%) 33

If no, include a description of any actions the municipality has undertaken during 2013 to help achieve the 20% standard.

- Has the municipality completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal? ☐ Yes ☒ No

If yes, describe:

- c. **Best Management Practices Maintenance:** Does the municipality have a maintenance program for installed storm water best management practices? ☒ Yes ☐ No

If yes, describe the maintenance program and any maintenance activities that have occurred for best management practices in 2013. If available, attach any additional information on the maintenance program.

Publicly owned treatment ponds are inspected annually and repaired as necessary. If pond dredging is required, the sediment is sampled before disposal. Treatment boxes in the Rights of Way are inspected and cleaned annually.

**SECTION V. Permit Conditions** (continued)

- d. **Storm Sewer System Map:** Describe any changes or updates to the storm sewer system map made in the reporting year.  
Provide an updated map if any changes occurred during the reporting year.  
No changes made to the storm water maps

**SECTION VI. Fiscal Analysis**

- a. Provide a fiscal analysis that includes the annual expenditures for 2013, and the budget for 2013 and 2014. A table to document fiscal information is provided on page 6.

- b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?

☒ Storm water utility ☐ General fund ☐ Other \_\_\_\_\_

- c. Are adequate revenues being generated to implement your storm water management program to meet the permit requirements? ☐ Yes ☒ No

Please provide a brief summary of your financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer your storm water management program.

The storm water utility was established in 2008. 2014 revenues are projected to be \$540,500. Funding primarily supports day-to-day maintenance and pollution control activities. We are looking at creating additional regional storm water treatment ponds in 2014 or 2015 and additional funding will be required to construct the regional ponds.

**SECTION VII. Inspections and Enforcement Actions**

**Note:** If an ordinance listed below has previously been submitted and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.

- a. As of the date of this annual report, has the municipality adopted a construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit? ☒ Yes ☐ No If yes, attach copy or provide web link to ordinance:

[www.menomonie-wi.gov](http://www.menomonie-wi.gov)

- b. As of the date of this annual report, has the municipality adopted a post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit? ☒ Yes ☐ No If yes, attach copy or provide web link to ordinance:

[www.menomonie-wi.gov](http://www.menomonie-wi.gov)

- c. As of the date of this annual report, has the municipality adopted an illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit? ☒ Yes ☐ No If yes, attach copy or provide web link to ordinance:

[www.menomonie-wi.gov](http://www.menomonie-wi.gov)

- d. As of the date of this annual report, has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.)? ☐ Yes ☒ No If yes, attach copy or provide web link to ordinance:

- e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

Two erosion control violations in 2013. One possible illicit discharge violation is under review as of the end of 2013.

**SECTION VIII. Water Quality Concerns**

- a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/SurfaceWater/orwerw.html>) ☐ Yes ☒ No If yes, list:

**SECTION VIII. Water Quality Concerns** (continued)

b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>) ☒ Yes ☐ No If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:

Lake Menomin and the Red Cedar River

- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant(s) of concern to an impaired waterbody:

We've inspected and repaired outfalls adjacent to the waters mentioned above. We continue to support the testing of the impaired waterways. We are currently reviewing eight different water sheds that lead to Lake Menomin and the Red Cedar to determine if it is cost effective and possible to construct regional storm water treatment ponds. This item has been on the City Council agenda twice (late 2013 and early 2014).

c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.

None observed.

d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.

The water quality degradation in Lake Menomin is primarily caused by a heavy load of phosphorus from the Red Cedar River. The City continues to follow the MS4 permit conditions to positively influence the water quality. We've also placed horizontal flow motors in Wolske Bay (Lake Menomin) in an attempt to discourage algae blooms.

**SECTION IX. Proposed Program Changes**

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2014 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

We will continue to evaluate the benefits and cost associated with establishing regional storm water treatment ponds in the City of Menomonie.



**Fiscal Analysis Table.** Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure 2013	Budget		Source
		2013	2014	
Public Education and Outreach	21,841	31,000	31,000	SW Utility
Public Involvement and Participation	22,041	31,200	31,200	SW Utility
Illicit Discharge Detection and Elimination	17,763	30,373	26,625	SW Utility
Construction Site Pollutant Control	10,000	11,000	11,000	SW Utility
Post-Construction Storm Water Management	6,027	32,000	27,000	SW Utility
Pollution Prevention	142,927	135,162	128,038	SW Utility
Storm Water Quality Management (including pollutant-loading analysis)	111,801	79,162	83,538	SW Utility
Storm Sewer System Map	3,000	3,000	21,000	SW Utility
Other:	162,823	176,246	195,500	SW Utility

Chippewa Valley Storm Water Forum Educational Events and Activities					
Event	Contact	Date	Time	Location	Who Was Involved
Eau Claire County Towns meeting	Kelly Jacobs	1/29/2013		Town of Washington Town Hall	Kelly Jacobs
WEAU-TV Morning Show	Dan Zerr	2/12/2013		Eau Claire	Dan Zerr
Landscapers Workshop	Dan Zerr	2/19/2013		Menomonie Sportsmans Club	Dan Zerr
"The West Side" radio program, Wisconsin Public Radio	Dan Zerr	2/28/2013		Eau Claire	Dan Zerr
Monthly Sierra Club meeting	Dan Zerr	3/6/2013		North Star Middle School, Eau Claire	Dan Zerr
Red Cedar River Conference	Dan Zerr	3/14/2013		UW-Stout, Menomonie	Dan Zerr, Randy Eide
WQOW-TV Morning Show	Dan Zerr	3/15/2013		Eau Claire	Dan Zerr
NASECA Workshop	Dan Zerr	4/3/2013		Plaza Hotel, Eau Claire	Dan Zerr
WLWCA Conference	Kelly Jacobs	5/11/2013		Wisconsin Dells	Kelly Jacobs
Private Landowner Meeting	Dan Zerr	5/16/2013		Rural Menomonie	Randy Eide, Dan Zerr
Description/Notes					
Presentation to Eau Claire County town elected officials on storm water permitting, MS4 permits, and construction storm water control.					
Interview on local TV station about the upcoming Red Cedar River Conference, including discussion about what urban and rural residents can do to keep runoff out of the Red Cedar River system.					
Day-long workshop for landscapers on the topic of shoreline restoration/buffers, and rain gardens/other infiltration practices. 50 attendees.					
Hour-long interview/talk show, featuring the topic of algae blooms and the upcoming Red Cedar River Conference, including discussion about what urban and rural residents can do to keep runoff out of local waters.					
Presentation to local Sierra Club chapter about algae/phosphorus issues in local waters, and what people can do to help limit runoff into water bodies. 30 attendees.					
Booths set up regarding the Storm Water Forum/Rain to Rivers, and City of Menomonie's runoff control efforts. Break-out presentation about the overall problem of algae/phosphorus in the Red Cedar River system, and what urban and rural residents can do about it.					
Interview on local TV station about the previous day's Red Cedar River Conference, including discussion about what urban and rural residents can do to keep runoff out of the Red Cedar River system.					
Presentation to local contractors and others during a construction storm water workshop conducted by NASECA. Presentation covered the value of Wisconsin waters and threats to them from construction site runoff.					
Presentation to statewide elected officials, county land conservation committees and staff/Town elected officials on storm water permitting, MS4 permits, and construction storm water control.					
Met with a private landowner to offer suggestions and answer questions about large yard area drainage/runoff issues.					

Farm Tech Days	Dan Zerr	6/9-6/11/13		Dallas, WI	Dan Zerr	Booth with information about issues in the Red Cedar Watershed, including storm water and runoff issues. City had a booth at the fair featuring storm water and Rain To Rivers information.
Dunn County Fair	Randy Eide	7/25-7/28/13		City of Menomonie	Randy Eide	Special City Council meeting to discuss Lake Menominee and possible solutions to high phosphorus and algae blooms.
Menomonie City Council Meeting	Randy Eide	7/8/2013		City of Menomonie	Randy Eide	Booth displaying and distributing literature on residential BMPs; rain barrel give-away.
North Wisconsin State Fair	Matt Decur	7/10-7/14/13		Northern WI State Fairgrounds	Matt Decur, John Genskow	CVSWF had a booth at the Festival, featuring information about storm water, rain gardens, rain barrels, runoff, mini-grant program, etc.
Chippewa Valley Sustainable Future Festival	Dan Zerr	8/10/2013		Eau Claire County Expo Grounds	Dan Zerr, Randy Eide	Rain barrel workshop conducted at the Sustainable Future Festival. Approximately 12 people in attendance, and 4 rain barrels assembled and distributed.
Rain Barrel Workshop	Dan Zerr	8/10/2013		Eau Claire County Expo Grounds	Dan Zerr, Mike Erickson	Presentation to Eagle Point Town Board and town residents on MS4 stormwater permitting, CVSWF educational activities, and Stormwater Ordinance development.
Town of Eagle Point	David Nashold	8/19/2013		Eagle Point Town Hall	David Nashold	Update to County Board committee regarding Chippewa Falls Urban Area Stormwater Permit. Update on ordinance work as part of MS4 permit.
Land Conservation and Forest Management Committee of Chippewa Co Board Half Moon Lake	David Nashold	8/21/2013		Chippewa County Courthouse	David Nashold, Dan Masterpole	John updated the group on storm water activities as they relate to Half Moon Lake.
Implementation Task Force	Dan Zerr	8/29/2013		City of Eau Claire	Dan Zerr, John Genskow	Presentations to a total of 700 5th graders on groundwater protection and conservation, and runoff pollution and control.
Chippewa County Conservation Days	Matt Decur	9/12 and 9/24/13		Wisconsin State Park and Bruni Island State Park	Matt Decur	Spoke to the Town Board, Lake Association, and concerned citizens about general runoff issues, and Lake Chetac.
Town/Village of Birchwood meeting about Lake Chetac	Dan Zerr	9/30/2013		Village of Birchwood	Dan Zerr	Illicit discharge presentation and training for municipal staff people involved in inspection of road drainage network.
Illicit Discharge Workshop	David Nashold	10/10/2013		Lafayette, Town Hall	David Nashold	Workshop put on by CVSWF for elected officials. Approximately 12 non-Forum members in attendance. Presentations on basics of storm water, MS4 permits, grants, and storm water control practices.
Storm Water Workshop for Elected Officials	Dan Zerr	10/29/2013		Town of Washington Town Hall	Most Forum members	Booth about the Red Cedar River and water quality issues. Included material and discussions with visitors about urban runoff, shoreland issues, rain gardens, and other infiltration practices.
"Celebrate the Harvest" event in Menomonie	Dan Zerr	11/14/2013		Mabel Tainter Theater in Menomonie	Dan Zerr	



**NORTHERN REGION COUNTIES**

Ashland	Langlade	DNR Service Center
Barron	Lincoln	Attn: Storm Water Program
Bayfield	Oneida	5301 Rib Mountain Rd.
Burnett	Polk	Wausau, WI 54401
Douglas	Price	Phone: (715) 359-4522
Florence	Rusk	
Forest	Sawyer	
Iron	Taylor	
	Vilas	
	Washburn	

**WEST CENTRAL REGION COUNTIES**

Adams	Marathon	DNR Service Center
Buffalo	Monroe	Attn: Storm Water Program
Chippewa	Pepin	5301 Rib Mountain Rd.
Clark	Pierce	Wausau, WI 54401
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		

**NORTHEAST REGION COUNTIES**

Brown	Marquette	DNR Northeast Region
Calumet	Menominee	Attn: Storm Water Program
Door	Oconto	2984 Shawano Ave.
Fond du Lac	Outagamie	Green Bay, WI 54313
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Waushara	
Marinette	Winnebago	

**SOUTH CENTRAL REGION COUNTIES**

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	Attn: Storm Water Program
Dodge	Richland	3911 Fish Hatchery Rd.
Grant	Rock	Fitchburg, WI 53711
Green	Sauk	Phone: (608) 275-3266
Iowa		

**SOUTHEAST REGION COUNTIES**

Kenosha	Sheboygan	DNR Service Center
Milwaukee	Walworth	Attn: Storm Water Program
Ozaukee	Washington	141 NW Barstow Street,
Racine	Waukesha	Room 180
		Waukesha, WI 53188
		(262) 574-2100